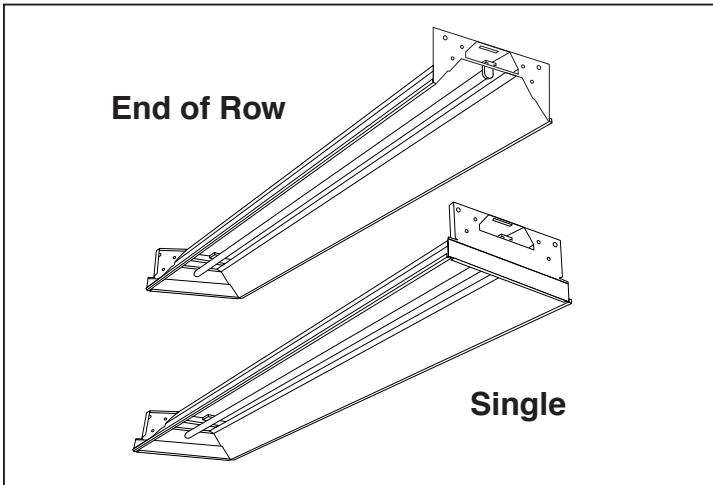


LB4-148, LB8-196 LB16-196

RECESSED CHANNEL ONE LAMP, SLIMLINE



Type: _____

Job Description: _____

SPECIFICATIONS:

Ballasts

Slimline ballasts are thermally protected, automatic resetting, Class P, high power factor, CBM, unless otherwise specified. Tandem 16' fixtures feature Slimline energy efficient ballasts.

Housing

Heavy gauge cold rolled steel.

Finish

All parts painted with high gloss baked white enamel, minimum reflectance 86%, applied over iron phosphate pre-treatment for maximum adhesion and rust resistance.

Labels

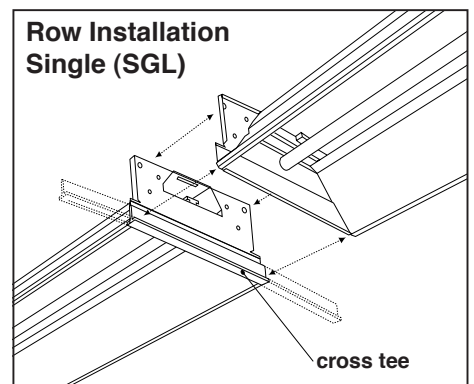
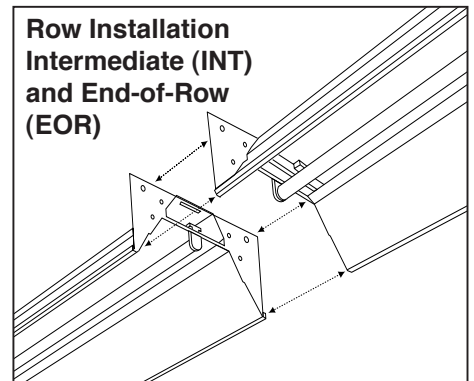
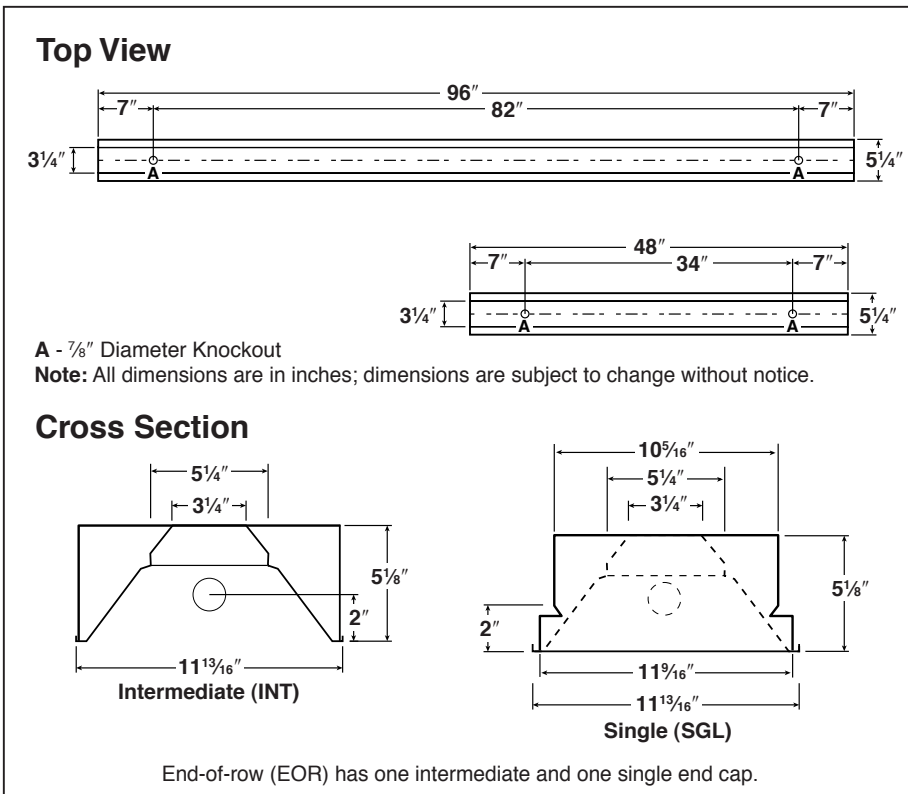
All fixtures are UL listed 1570 and carry the UL label. (CSA approval available. Use Suffix "CSA").

Installation:

Single (SGL) units are restricted to installations where cross-tees will be installed between fixture housings. Intermediate (INT) and end-of-row (EOR) units are restricted to installations where no cross-tee will be placed between housings, and must be wire tied to superstructure.

FEATURES:

- Steel housing and reflector.
- One piece construction for ease of installation. Ready to install out of the carton.
- Assembled fixture drops in from above.
- Ballast cover facilitates maintenance from below, 1/4-turn fastener.
- Intermediate (INT) and end-of-row (EOR) fixtures provide a clean, continuous appearance without end caps or cross-tees.
- Single (SGL) units are provided with two end caps and can be mounted individually or in rows where cross-tees are installed between housings.
- Fits all standard inverted tee ceiling openings, 1x4 or 1x8, parallel or perpendicular to the main tees.
- Sockets are accessible for replacement without disassembling the unit.
- T-bar clips are standard on INT and EOR fixtures.



Photometric Report No. 11378



PO Box 2787 (99220) 8808 North Sullivan Road Spokane WA 99216 Tel 509 324 7000

Environmental Laboratories

REPORT # 11378
DATE: 3/ 6/96

LUMINAIRE: LB8-196-120-SGL-PAF

1' X 8' 1-LAMP RECESSED CHANNEL W/WHITE ENAMEL REFLECTOR
BAL.: RSM-175-S; LAMP: F96/T12; BAL. FAC.: .93; WATTS: 90
LAMPS RATED AT 6100 LUMENS EACH
LUMINOUS AREA: 95.5 X 11.4

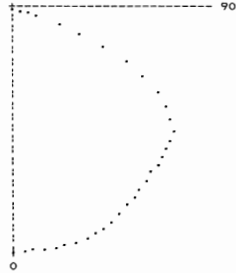
REFLECTANCE: BWF .91

MOUNTING: RECESSED

S/MH: PARL 1.29 NORM 1.39

PLOT OF NORMAL PLANE SHIELDING: PARL 2 NORM 14

DEG	0	22.5	45	67.5	90
0	1561.	1561.	1561.	1561.	1561.
5	1553.	1557.	1565.	1561.	1553.
10	1533.	1541.	1556.	1560.	1556.
15	1502.	1515.	1543.	1554.	1552.
20	1459.	1480.	1520.	1535.	1534.
25	1406.	1438.	1484.	1501.	1501.
30	1341.	1386.	1435.	1450.	1451.
35	1266.	1320.	1369.	1391.	1401.
40	1180.	1243.	1287.	1341.	1366.
45	1084.	1152.	1204.	1305.	1344.
50	978.	1048.	1134.	1276.	1316.
55	861.	929.	1074.	1215.	1238.
60	734.	794.	1004.	1085.	1067.
65	598.	676.	875.	831.	780.
70	454.	574.	635.	515.	455.
75	303.	443.	341.	207.	161.
80	157.	220.	93.	78.	74.
85	44.	37.	33.	29.	26.
90	0.	0.	0.	0.	0.



ZONE	LUMENS	LAMP	FIXT
0- 30	1260.	20.7	24.5
0- 40	2108.	34.6	41.0
0- 60	3998.	65.5	77.8
0- 90	5137.	84.2	100.0
90-180	0.	0.0	0.0
0-180	5137.	84.2	100.0

This photometric test was performed using a specific ballast / lamp combination. Extrapolation of these data for other ballast / lamp combinations may produce erroneous results. The ballast factor must be applied to the lumen output rating assigned to the lamp(s) or to the candlepower values shown. Luminaire efficacy rating (LER) per NEMA LE5-1993.

LER = 53

TESTED BY: *R.K.* APPROVED BY: *[Signature]*

TEST RUN IN ACCORDANCE TO CURRENT I.E.S. PUBLISHED PROCEDURES

Coefficients of Utilization

Zonal Cavity Method

Floor Reflectance - .20

RC RW	80				70				50			0
	70	50	30	10	70	50	30	10	50	30	10	0
1	92	89	85	82	90	87	84	81	83	81	78	73
2	84	78	72	67	82	76	71	67	73	69	65	61
3	77	68	62	56	75	67	61	56	65	59	55	52
4	70	60	53	48	68	59	52	47	57	51	47	44
5	64	53	45	40	62	52	45	39	50	44	39	36
6	58	47	39	34	57	46	39	34	45	38	33	31
7	54	42	34	29	52	41	34	29	40	34	29	27
8	49	37	30	25	48	37	30	25	36	29	25	23
9	45	33	26	21	44	33	26	21	32	26	21	19
10	42	30	23	19	41	30	23	19	29	23	19	17

Coefficients of Utilization

Energy Data

LER: 53
Input Watts: 90

Energy Cost: \$4.53*
BF: .93

The above energy calculations were conducted using a specific lamp/ballast combination. Actual results may vary depending upon the lamp and ballast used. Lamp and ballast specifications are subject to change without notice.

*Comparative annual lighting energy cost per 1000 lumens based on 3000 hours and \$0.08 per KWH.

Ordering Information

Example: LB16-196-LE120-SGL

<p>Series LB</p> <p>Size 4 - 4' 8 - 8' 16 - 16' (Tandem)</p> <p>No. of Lamps in Cross Section 1 - One</p> <p>Lamp Type 48 - 48", T12, Slimline 96 - 96", T12, Slimline</p>	<p>Ballast Blank - Non Energy Saving Magnetic T12 For a specific ballast vendor, show as option.</p>	<p>Voltage 120 - 120V 277 - 277V 347 - 347V</p> <p>Row Information SGL - Single Unit (Cross-tee installations only) INT - Intermediate (No cross-tee between housings) EOR - End-of-Row (No cross-tees between housings)</p> <p>LB Series Options GLR - Fast Blow Fuse GMF - Slow Blow Fuse EL - Emergency Battery Pack BC - Branch Circuit Plug-on Wiring System (Ground wire required). See technical data sheet in Options section (O7) for details. CSA - UL listed or CSA certified for Canada PAF - Paint After Fabrication TBC4 - (4) T-bar Caddy Clips for SGL Housing</p>	
--	---	---	--

For complete list of options and accessories, see options and accessories section.

